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Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Jeffrey Douglas Brown, Scott Douglas Clark, John David Irish

For: Centralized Bandwidth Management Method and Apparatus

Assignee Name: **International Business Machines Corporation**
Assignee Residence: **Armonk, New York**

Enclosed are:

- ☒ 12 Patent Specification including an Abstract
☒ 7 Pages of Claims
☒ 5 Sheet(s) of drawings. ☐ Informal ☒ Formal
☒ 1 Declaration(s) and Power of Attorney
☒ Form PTO 1595 and Assignment of the Invention to IBM Corporation
☐ A certified copy of a ☐ application.
☐ Information Disclosure Statement, PTO 1449 and copies of ☐ references.

The filing fee has been calculated as shown below:

FOR	Number Filed	Number Extra	Rate	Basic Fee
Total Claims	16	-20 = 0	X \$ 18	= \$ 750.00
Independent Claims	11	- 3 = 8	X \$ 84	= \$ 672.00
Multiple Dependent Claims	00		X \$280	= \$
Total Filing Fee				= \$1,422.00

- ☒ Please charge my Deposit Account No. 09-0447 in the amount of \$1,422.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

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